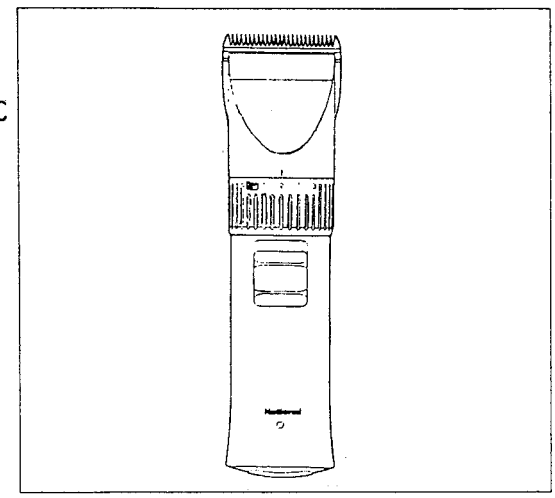
ORDER NO. MEW/SVD 9307-150

Service Manual

Professional Hair Trimmer

ER150



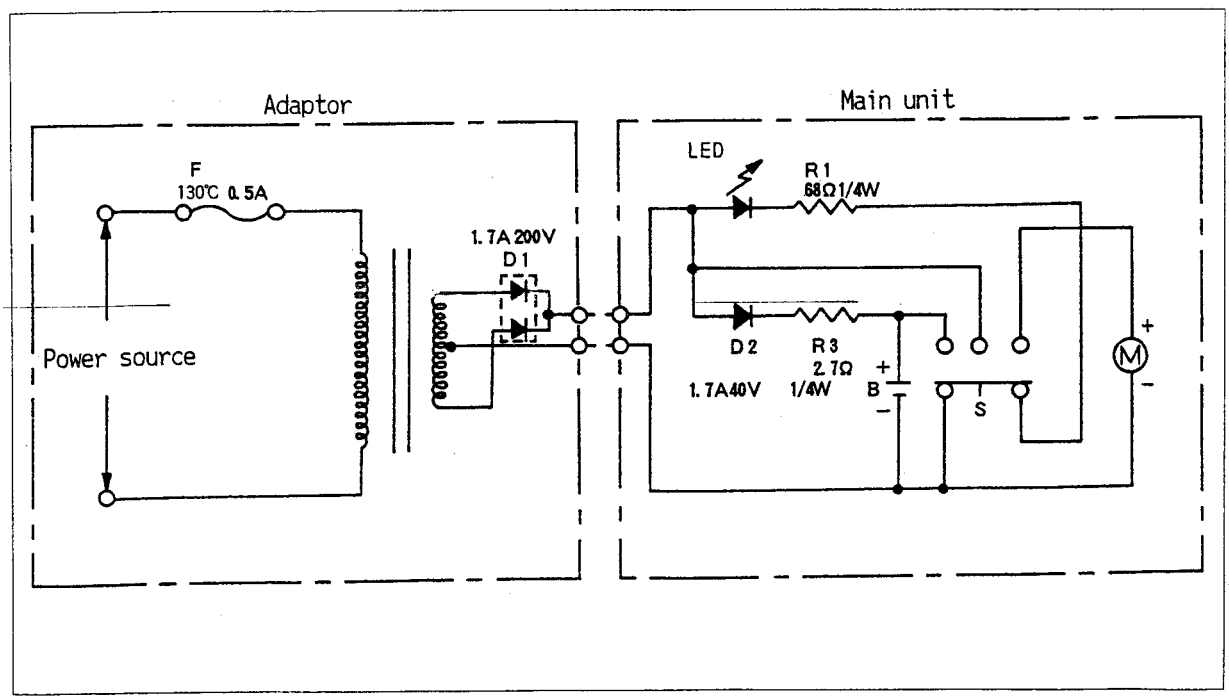
<Specifications>

Power source	: AC/rechargeable 110V, 110/220V, 220-240V AC 50-60 Hz
Power consumption	: 6W
Charging time	: standard 8 hours
Weight	: 230g

<Standard equipment>

Comb attachments (6mm, 9mm, 12mm)
Charging stand
Power cord unit
Oil
Cleaning brush

SCHEMATIC DIAGRAM

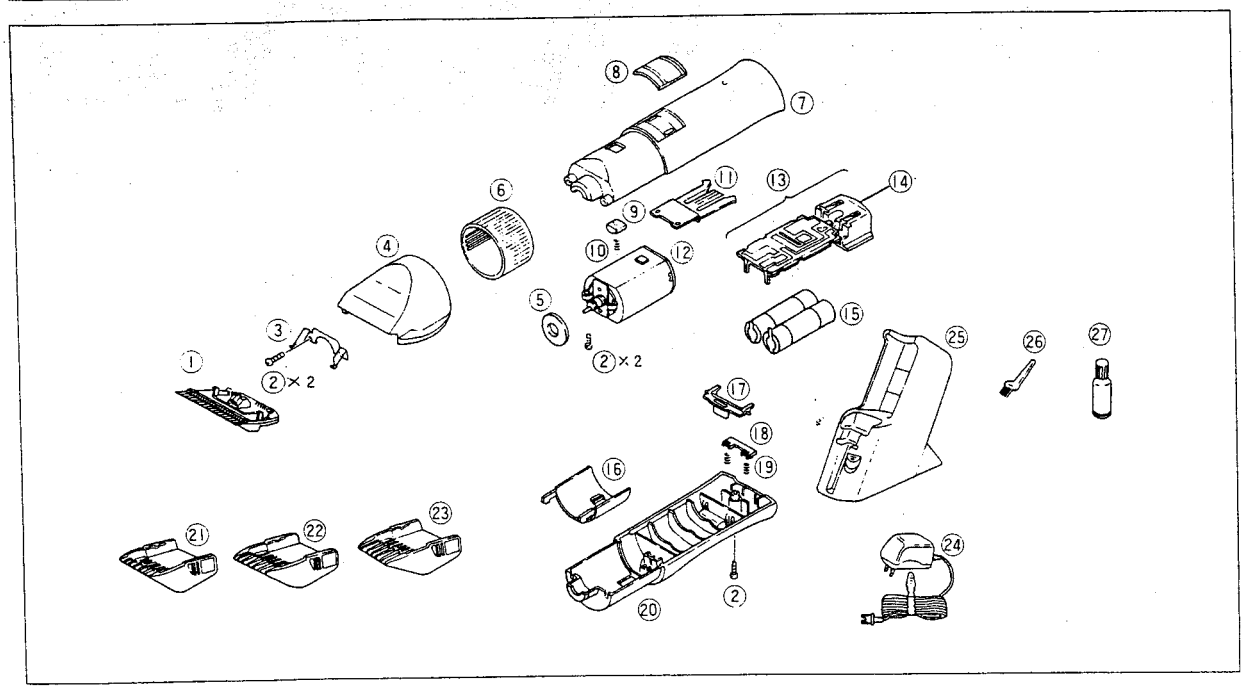


National

Matsushita Electric Industrial Co., Ltd.
Central P.O. Box 288, Osaka 530-91, Japan

Model ER150

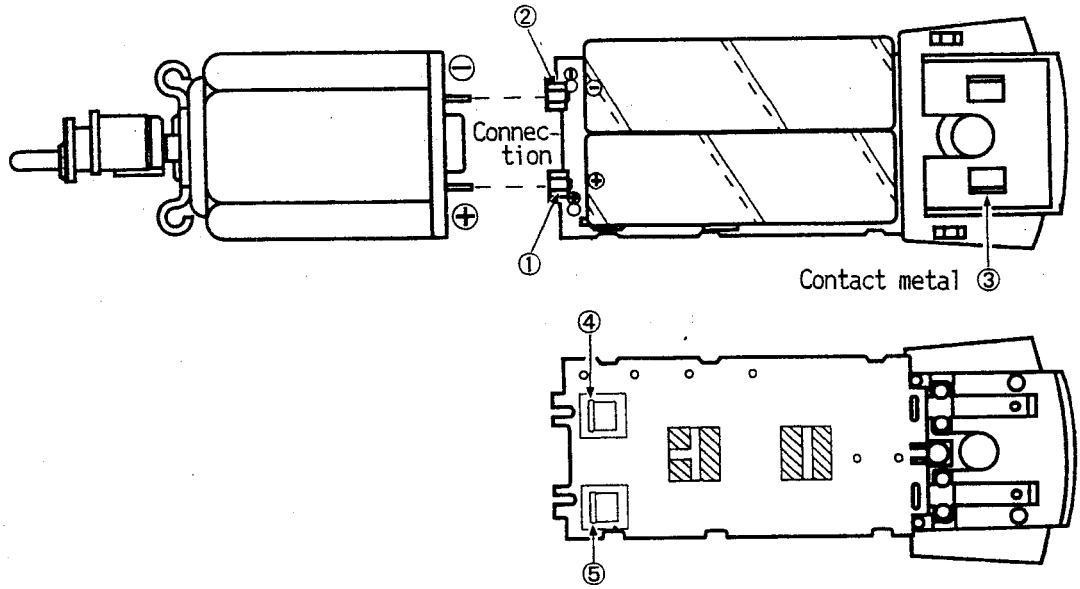
EXPLODED VIEW



REPLACEMENT PARTS LIST

Ref. No.	Part No.	Part Name & Description	Per set	Remarks
1	WER150H1058	BLADE BLOCK	1	
2	WER150S9208	TAPPING SCREW	5	
3	WER150L0167	SPRING FOR CUTTER	1	
4	WER150S0007	BLADE HOLDER	1	
5	WER150L0137	DUST-PROOF RUBBER	1	
6	WER150H3287	ADJUSTING DIAL	1	
7	WER150H3057	HOUSING A	1	110/220V
7	WER150H3058	HOUSING A	1	OTHERS
8	WER150H3207	SWITCH HANDLE	1	
9	WER150L0457	CLICK BUTTON	1	
10	WER150L0177	SPRING A	1	
11	WER150L1577	CLICK PLATE	1	
12	WER150L1007	MOTOR	1	
13	WER150L2107	MODULE	1	
14	WER150K2157	PLUG BLOCK	1	
15	WER150L2507	RECHARGEABLE BATTERY	1	
16	WER150L1587	ADJUSTING ARM	1	
17	WER150K3607	LOCK BUTTON	1	
18	WER150L0207	LOCK PLATE	1	
19	WER150L0197	SPRING B	2	
20	WER150H3068	HOUSING B	1	OTHERS
20	WER150H3069	HOUSING B	1	220~240V
21	WER150H7397	COMB ATTACHMENT A	1	3mm
22	WER150H7407	COMB ATTACHMENT B	1	6mm
23	WER150H7417	COMB ATTACHMENT C	1	9mm
24	WER150H7671	POWER CORD UNIT	1	110/220V
24	WER150H7662	POWER CORD UNIT	1	110V
24	WER150H7663	POWER CORD UNIT	1	220~240V
25	WER150H7188	CHARGING STAND	1	
26	WER398B7058	CLEANING BRUSH	1	
27	WER78503801	OIL	1	
—	WER150H8007	INDIVIDUAL BOX	1	110/220V
—	WER150H8009	INDIVIDUAL BOX	1	OTHERS
—	WER150H8107	OPERATING INSTRUCTIONS	1	110/220V
—	WER150H8108	OPERATING INSTRUCTIONS	1	OTHERS

WIRING CONNECTION DIAGRAM



DISASSEMBLY/REASSEMBLY METHOD

<Disassembly procedure>
1. Remove the attachment and cutter.
2. Remove the two screws and blade holder.
3. With the dial at 3 position, slide the dial to (A) direction.
   To take out the dial, slightly push the adjusting arm (housing B side) with the slotted-head screwdriver. (refer to fig. 4)
4. Remove a housing screw and disassemble the housing.

<Reassembly procedure>
1. After attaching the switch handle, the click plate, click button, and spring A to the housing A; set the motor with 2 screws and the module.
   * The motor has a own direction. Be sure to set the proper direction when reassembling. (refer to fig. 5)
   * When inserting the module, check the connection between the terminal for the motor and connecting terminal. (refer to fig. 6)
2. Attach the adjusting arm, the spring B, the lock plate, and the lock button to the housing B.
3. After putting the housing A and the housing B together and tightening a screw, set the dial to the housing block at the same position when it is disassembled.
   And insert the dust-proof rubber.
4. Attach the blade holder, the spring for cutter, and tighten the 2 screws.

<Note for Disassembly/Reassembly>
1. Set the dial to "3" when removeing or setting the blade.
   * The blade can not be attached without setting the dial to "3", because the adjusting arm against the blade.
2. Set the dial to "1" when removeing or setting the attachment.

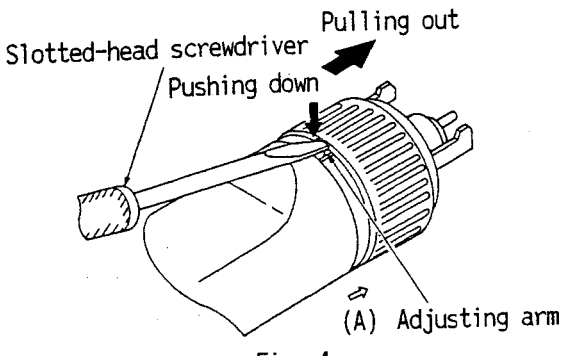


Fig. 4

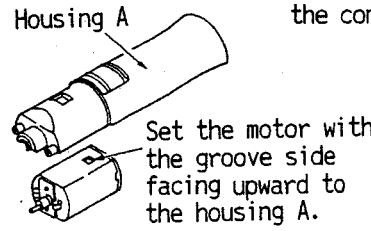


Fig. 5

Insert the terminal for the motor into the connecting terminal of the module.

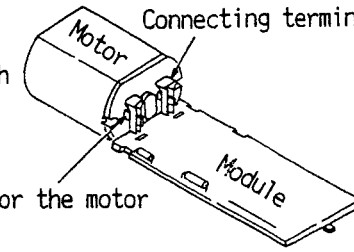


Fig. 6

Model ER150

TROUBLESHOOTING GUIDE (Refer to WIRING CONNECTION DIAGRAM)

(TROUBLE)	(CHECK)		(REMEDY)
Does not move.	<CHECK THE POWER CORD UNIT.> When AC Power is present at the cord, there should be 3.0V DC. (refer to fig. 1)	NO	Replace the cord unit.
	OK		
	<CHECK THE SWITCH.> With the switch handle at housing, check for conductivity between (1) and (3).	NO	Adjust the spring contact. (refer to Fig. 2)
	OK		
	<CHECK THE MOTOR.> Motor should turn when 2.4V DC is supplied between the (+) and (-) terminals.	NO	Replace the motor.
	OK		
	<CHECK THE MODULE.> With the switch handle at housing, check for conductivity between (1) and (2). OK if it is more than DC 2.4V.	NO	Replace the module.
	OK		
	<CHECK THE RECHARGEABLE BATTERY.> The battery voltage should be about 2.4V DC or more between the (4) and (5) terminals.	NO	Replace the rechargeable battery.
Does not charge. (The charging indicator does not light up.)	<CHECK THE RECHARGEABLE BATTERY.> The battery voltage should be out 2.4V DC or more between the (4) and (5) terminals.	NO	Replace the rechargeable battery.
	OK		
	<CHECK THE CHARGING CURRENT.> Remove the soldering of the (+) terminal of the rechargeable battery and send AC power into the cord. With the switch at off, there should be a charging current of DC100±20mA between (A) and (B). (refer to fig. 3)	NO	Repair the module.

Measurement

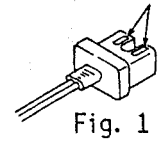


Fig. 1

Spring contact

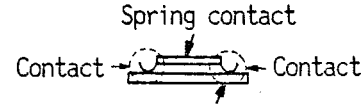


Fig. 2

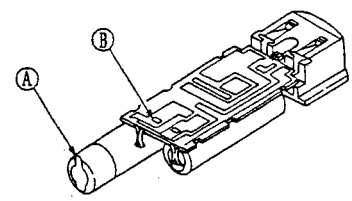


Fig. 3

(ダイサンチイキ)

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